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Carolina Apple Core/ NCSU Apple Users Group Newsletter

November 1989

Carolina Apple Core

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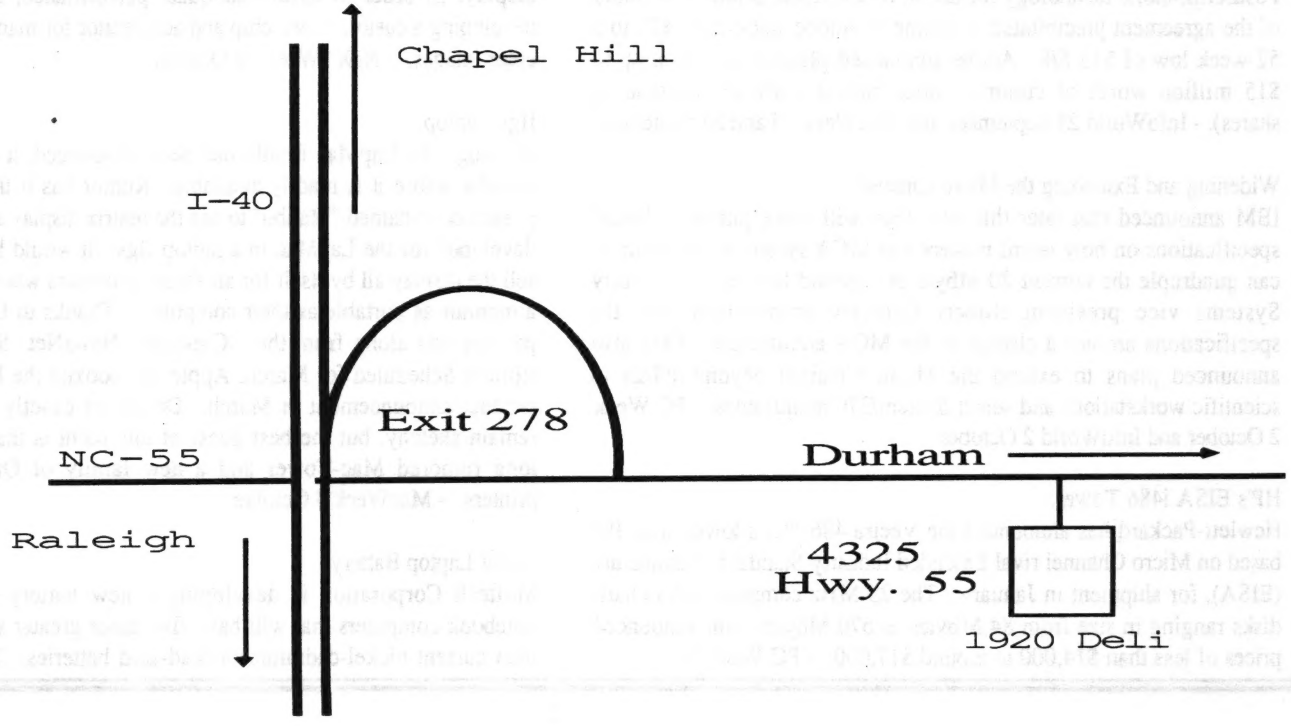
THIS MONTH:

HyperStudio,the Apple II Video Overlay Card, and 3.5" PD Software
The meeting will be at the 1920 Deli on Hwy. 55 (SeeMap)
Tuesday, November 21st, 1989
Time- 7:30-9:00 PM, Everyone Welcome!



film" batteries use solid polymer electrolytes. Polymer batteries also are less expensive to manufacture, but they are likely to be sold for higher prices initially because of their reduced size and weight and increased usable lifetime. - Random Access 23 September 3-D, Full-Color Animation. Electic Image is set to ship Spotlight, a 32-bit color 3-D rendering and animation program, in January 1990. The $7,495 program requires a Mac II family computer with a minimum of 2 Mbytes of RAM and a large capacity hard disk or optical storage system. Spotlight brings broadcast quality 3-D animation to the Macintosh. - MacWeek 3 October

Cache a Faster Mac IIci.
Apple plans to announce a cache board for the Macintosh IIci later this year. One already is available from Daystar Digital for $995. The board produces an up to 40% increase in speed according to Andrew Lewis, president of Daystar. Mr Lewis also said that cache boards increase speed less expensively than accelerator boards. Daystar makes 33, 40, and 50 MHz accelerators for the Mac II and IIcx, and is expected to announce accelerators for the IIci by the time this column appears in print. - InfoWorld 2 October

Serious Video Game.
Nintendo plans to start an online financial service to be run by Fidelity Investments of Boston. The service will use a standard Nintendo game unit as a terminal. Software and hardware for connecting to a telephone line are due in 1990. - Random Access 14 October

But Will It Bag 'Em?
Prodigy, the telecommunications joint venture between IBM and Sears, is test marketing grocery shopping by telecomputing in three cities. Prodigy expects its basic service to be available to 40% of American homes by the end of this year. - Random Access 14 October

Macintosh System 7.0 On-Schedule?
Apple executives are cautiously optimistic about progress on the announced new Macintosh operating system software. Last May, Apple indicated developers would begin receiving seed modules of the new system in the fall. Ed Birss, Apple vice president of product engineering, now says "Developers will begin getting code before the end of the year." Apple had planned on shipping System 7.0 in the first quarter of 1990, but officials now acknowledge that not all of the core technologies announced last spring will be ready to ship at the same time. One problem which remains to be dealt with is the system's size. Developers recently assembled and linked an alpha version and consumed 1.2 Mbytes! - MacWeek 3 October and InfoWorld 9 October

Word For Windows.
Microsoft has not announced nor shown developers its Windows version of Word, but those who have seen the beta software say that it is an entirely new product with more differences than similarities to the DOS product. - InfoWorld 2 October

Deja Vu.
The vast delay between the originally announced release and delivery dates of Microsoft's Windows brought the word "vaporware" out of the realm of jargon and into general use. Hence, it should be no surprise that Microsoft cannot ship Windows 3.0 (see last February's and July's columns) by year's end as originally planned. "Immature source code" and the lack of a full set of device drivers will keep Windows 3.0 at home in Redmond until March or later. When the program finally is available, users will find that many of their Windows 2.1 applications will not run in protected mode; while those applications can run in real mode, they will be restricted to 640K. An obvious problem is that both Lotus 1-2-3 Version 3 and dBase IV rely on Rational Systems' DOS extender, but Windows 3.0 will be ir-Rational. - PC Week 17 September and 16 October and InfoWorld 16 October

dBase for Windows.
Two versions of dBase IV for Windows have been shown to developers in recent months. Ashton-Tate programmers are working on a "core program" that can be rapidly ported to a wide range of environments including Windows, X Window, Motif, Presentation Manager, and Macintosh. - InfoWorld 16 October

Lotus 1-2-3 Update.
The graphic 1-2-3/G for the Presentation Manager (see last August's column) now has a scheduled delivery date of 23 March 1990. Macintosh 1-2-3 is slated for March 1991. - PC Week 16 October
Plans for Excel. Microsoft's product manager for Excel, Susanne Foels, said the next version of Excel will permit users to mix graphics and worksheets on the same page and also will contain three dimensional charting. - InfoWorld 16 October

Apple Computer IIGS Laptop

Edited by Roy W. Reter

Despite industry speculation, Apple Computer, Inc. is still maintaining its cloak of secrecy surrounding development of the IIGS Laptop, codenamed Malibu, long expected by industry analysts as providing an alternative to low-end users who still need the functionality of a GS but require the portability as well. From sources within the industry, it can be deduced that the Malibu will include the same microprocessor architecture as the IIGS, full stereo sound and the IWM (integrated Woz Machine) chip, as well as some provision for expansion, probably through the use of a low-profile NuBus slot. An internal 2400 baud modem appears to be optional, and will probably sell well, since most travellers will also face the need for telecommunication as well. The Malibu will double as an entry-level machine for GS users, since its gas-plasma display will not allow the use of color. Nonetheless, with its rechargeable nickel-cadmium battery assembly, expected usage will vary between 6 to 10 hours on a typical charge, depending on usage. Apple is using advanced CMOS circuitry, and with the use of static RAM, power consumption is expected to be lower than with standard RAM chips; further, the hard drive (optional 40 meg) will automatically power down after a period of inactivity. Chief advantages of the IIGS over other industry laptops are: User interface, low weight, expandability (with its single NuBus slot). There are also ports on the back to accommodate two serial devices, as well as a SCSI port, stereo jack and modem port. Price is expected to range between (US) $900-1400. The announcement by Apple Computer is to take place in Cupertino on 20 October, one month after Apple announced its latest products in the popular Macintosh line, the IICI and the Mac portable. Such commitment to the IIGS line indicates that Apple does not yet regard the IIGS line as an evolutionary dead end. nXVFMB--Cuperino, CA

Do you see evidence of the "good-old-days" here? I don't. Advances came in the form of new models, that had to be purchased, or "upgrade kits" (the enhanced IIe) that also had to be purchased. The appearance of steady increases in capabilities of a given model, thanks to third party developers like Applied Engineering, Checkmate, Orange Micro, etc., seem to be credited by the nostalgic, to Apple themselves.

Now let's look at the IIgs. Not quite three years old. Free motherboard upgrade to ROM 01, free SCSI ROM upgrade to revision C, free operating system upgrades from 3.1 to 3.2 to GS/OS 2.0 to GS/OS 3.0 to the latest System Software 5.02. New IIgs's shipped with first twice as much memory at no extra charge, now four times as much memory at no extra charge. ProDOS-8, upgraded from 1.2 through 1.8 in 2 years. ProDOS-16. The Apple 3.5" drives, 20-80 meg hard drives (too expensive, but available), the Imagewriter II, new drivers for Epson printers because Epson wouldn't develop them, AppleShare and AppleTalk capabilities, the equivalent of 14 slots full time instead of the "7 or 7" in the first IIgs. Programming manuals for the 16-bit environment (also too expensive, but available). The video overlay card. A customer service department that actually will cut off dealers who don't provide a reasonable level of support (assuming there are enough complaints). Applelink PE for nearly direct contact with Apple engineers and technicians. Three levels of support for developers, depending on how close an alignment they want. Technical bulletins being sent out at a rate of 200 a year. Memory caching that works. Software for partitioning and formatting hard disks.

The bottom line is, I am seeing ten times as much direct Apple support for the IIgs as there ever was for the II, II+, IIe or IIc. We remember the past as we want to remember it.

How about the dumb marketing? Why doesn't Apple really get out there and push the Apple II line? Well, why should they? They sell Apple IIs as fast as they can produce them. Apple cares about hardware reliability - where I work there are II+'s that have been doing their thing every day for 10 years without service. I believe that Apple is telling the truth that the supply of dependable ICs is the limiting factor in how many computers can be produced per month. They could sell more IIs than they can supply - why in the world should they be pushing more aggressive marketing?

Nobody is more critical of Apple's worthless "Owners Guide" manuals as supplied with their computers than I am. I object as strenuously as anyone to the Apple II-illiteracy of Apple dealers. But the evidence I see just will not support the concept that Apple is failing to support the Apple II. I am seeing much more Apple support for the II than has ever existed before. Maybe this is because I didn't find the "good-old-days" all that good.

From the Rumor Page

This week's MacWeek 10/31/89 has the following rumor in the Mac the Knife (rumor)column: "Anyone who thinks Apple is about to give up on the Apple IIGS should think again. The Knife has learned that Apple is pulling all the stops to get a IIGS version of HyperCard in the stores by March. The design aim is rumored to be compatibility with HyperCard 2.0 stacks, although the whispers in the hallways in Cupertino indicate that there are several obstacles to be overcome before this goal is reached. Further evidence of Apple's commitment to the IIGS line is an upcoming new SCSI card that will allow for faster hard disks. Probably the only thing that could foil Apple's plans is its own low-cost replacement for the Mac Plus and SE." ---------- Jim Block

CLARIS ANNOUNCES MAJOR ENHANCEMENTS TO APPLEWORKS GS APPLICATION

SANTA CLARA, Calif., October 27, 1989 -- Claris Corporation today introduced a new version of its AppleWorks GS software that features major speed enhancements and provides compatibility with the latest Apple IIGS hardware and System 5.0 software from Apple Computer Inc. AppleWorks GS is the best-selling integrated software for the Apple IIGS computer that combines six powerful applications in one easy-to-use package. When used with System 5.0 software, the new version, AppleWorks GS 1.1, offers overall performance improvements that load the program eight times faster than the previous version (AppleWorks GS 1.0v2) running under System 4.0 . The upgrade also offers enhanced screen updating to allow users to scroll more quickly through documents, faster spreadsheet recalculations and direct importation of AppleWorks 3.0 files. The upgrade runs under Apple IIGS System 5.0 to allow users to take advantage of the new System features and offers enhanced memory utilization and compatibility with 1.125 Mbyte Apple IIGS computers. "This new version of AppleWorks GS demonstrates Claris' continued commitment to our customers," said Bill Campbell, Claris president and CEO. "With AppleWorks GS 1.1 we've not only addressed the performance and compatibility issues that our customers have asked for, but we've also added many features to make it a more robust, fully-featured product." Additional features incorporated in AppleWorks GS 1.1 include a memory test utility that allows users to test their memory expansion board before using the program, a database conversion utility for converting previous version database files for use with AWGS 1.1, a custom ImageWriter printer driver that improves printing speed, a database template designed especially for creating 1-inch mailing labels, special palettes that improve the quality of imported color graphics and "Contains", "Begins" and "Ends" functions that have been added to the database and spreadsheet modules. Also, a new graphics Control Panel makes it easier to perform many routine tasks, such as choosing a printer, and users can create accents and diacritical marks used in foreign languages as well as a variety of special characters. AppleWorks GS 1.1 is will begin shipping in November with a suggested retail price of $299. The new operating system, System 5.0, comes with AppleWorks GS 1.1. Registered AppleWorks GS 1.0 users can purchase an upgrade to version 1.1 directly from Claris for $29. For upgrade order forms and instructions call (800) 544-8554. Claris Corporation, the leading vendor of Apple II applications and one of the top two vendors of Macintosh software, is a subsidiary of Apple Computer, Inc. The company develops, markets and supports application software for Macintosh and Apple II computers. It began shipping Claris-labeled products in January 1988 to business, government, education and technical markets. The company's product lines include integrated productivity applications for Apple II computers and word processing, graphics, data management, planning, CAD (computer-aided design) and EFP (electronic forms processing) software for Macintosh computers. Claris, with headquarters in Santa Clara, Calif., is currently making the transition from Apple subsidiary to independent

AWGS 1.0 Site Lic. AW GS 1.1 site lic no charge

Suggested Retail Prices

AWGS 1.1 single user $299.00

AWGS 1.1 10 pack $1699.00

If you purchased AWGS 1.x on or after September 15, 1989, you are entitled to a free AWGS 1.1 upgrade. To receive this upgrade, obtain & complete an upgrade order form and include a photo copy of the dated sales receipt. ----------

(Henry Malmgren) writes:
>I have a ROM 03 GS [Editor's Note: this is the new 1meg machine], running GS/OS 5.0.2. I am wondering, which files are unnecessary on the system disk, because they are in rom?

Besides System.Setup:TS2, you can throw away Tools:Tool014 (Window Manager), Tool015 (Menu Manager), Tool016 (Control Manager), Tool020 (Line Edit), Tool021 (Dialog Manager), Tool022 (Scrap Manager), Tool027 (Font Manager), and Tool028 (List Manager). [Actually, I'm only 94% sure about the List Manager--you'll find out quickly enough if I'm wrong.]
Of course, this information is to help you make more efficient use of your *personal* disks (hard or otherwise). If you ever ship a product that doesn't have all the files necessary to run on a ROM 1 or ROM 3 GS, the compatibility gods will give you lots and lots of strong magnets every christmas.
--Dave Lyons, Apple Computer, Inc. | DAL Systems
AppleLink--Apple Edition: DAVE.LYONS | P.O. Box 875
America Online: Dave Lyons | Cupertino, CA 95015-0875 GEnie: D.LYONS2 or DAVE.LYONS CompuServe: 72177,3233 Internet/BITNET: dlyons@apple.com UUCP: ...!ames!apple!dlyons
My opinions are my own, not Apple's.

HyperStudio 2.0

by Rick Fincher

Roger Wagner Publishing has finally released version 2.0 of HyperStudio. Although late, the program was well worth waiting for. HyperStudio is a "hyper media" program, i.e. one that allows free association of various types of data. It is similar to HyperCard on the Macintosh. HyperStudio was originally released in May at AppleFest in Boston. The program was not finished at that time. It was released early presumably to get the jump on the expected release of HyperCard for the IIgs from Apple (see the rumors articles).

The original plan was to upgrade the program immediately after AppleFest and then again this fall. The program required extensive rewriting to take advantage of GS/OS 5.0, however, and version 2.0 did not ship until late October.

The good news is that it was worth waiting for! HyperStudio allows the user to make their own programs or "stacks" (a metaphor for stacks of file cards) without programming. These stacks can contain graphics, sound, text, animation, buttons, and interactive video.

To create a card the user puts a background in the card (if desired), and puts buttons on the card by selecting a button style from a menu. The button is then dragged to the desired spot on the screen. An action is then selected for the button. You can choose to jump to another card, start an animation, play a sound, video, or animation at the press of this button. You can also jump to another program altogether, then when you quit the other Program you can return to the stack you exited from. Each button can also have a timer attached to it so that the button is automatically activated if the user doesn't press a button in a specified number of seconds. Buttons can be tested for correct answers and results recorded to disk.

Sounds can be brought in from disk files or recorded live with the sound digitizing card and microphone that come with the program. The card does not use a slot and can have another sound card (a stereo card for instance) daisy chained to it. A battery powered speaker is also included.

Graphics can be brought in to HyperStudio from most paint programs, or created directly in the program. The graphics are currently in 640 mode only although 320 mode graphics can be displayed with a special external command. Animation can be imported from PaintWorks Plus or Gold, or created in the program itself. The user can also use the clip art that is provided with the program.

One of the most powerful features of HyperStudio is the ability to put scrolling text windows in cards. The text can be typed directly in the card or read in from a file on disk. All of the standard mouse editing features are available in the text windows. A FIND command will search for text in all cards of a stack, allowing the user to look up text items.

The only thing HyperStudio doesn't do that HyperCard does is allow you to attach programming "scripts" to cards. In HyperCard on the Mac, you can write short programs in an easy to use language called HyperTalk and attach them to buttons. Roger Wagner Publishing plans to add this feature to a future version of the program.

One of the most impressive features of HyperStudio is its ability to control a video disc player and integrate full color, full motion video on the computer screen, using the Apple Video Overlay Card. The user can play a video at the press of a button. A touch screen is also supported, so that simple to use interactive systems can be set up.

HyperStudio allows Apple IIgs users to create programs with buttons, animation, sound, interactive video, and scrolling text windows without writing a single line of programming code. Programmers can attach their own routines to HyperStudio buttons to do just about anything that can be imagined.

Sider Hard Drive Christmas Special

First Class Peripherals, makers of the Sider hard drives has announced a Christmas special on their Sider DC 20 meg hard drive. They are offering the drive kit for $699. The drives support ProDos, Pascal, DOS 3.3, and CPM partitions. FCP is also offering a ROM kit that makes the Sider DC a ProDos only drive operating 3 times faster under GS/OS for $40 to users group members. The regular price is $75. Just mention your group name when you order for the discount. Shipping and handling is an additional $15 for the drives and $5 for the ROM kit. To order call 1-800-982-8382.

VAPORWARE

Murphy Sewall
From the November 1989 APPLE PULP
H.U.G.E. Apple Club (E. Hartford) News Letter
$15/year
P.O. Box 18027
East Hartford, CT 06118
Call the "Bit Bucket" (203) 569-8739
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Comdex Fall '89.
November is Comdex month. Among the announcements expected are: a bevy of i486 EISA computers, including a system from Grid, the Sharp PC 8000 color laptop (prematurely announced in an accidental press release at PC Expo in Chicago last month), the Zenith 386SX-based color laptop with 1 Mbyte of RAM and VGA graphics listing at $2,995, and several PC HyperCard clones, among them Plus for Presentation Manager from Spinnaker Software. - MacWeek 19 September, PC Week 9 October, and InfoWorld 9 October

Merry Christmas From Big Bluegrass.
Once again IBM plans a foray into the home market with a line of low-cost home computers starting at $700. Code-named Bluegrass, the line will have two more expensive models and a variety of memory, speed, and hard drive options. - PC Week 9 October

SCAT.
Chips & Technologies has announced the 82C235 Single Chip AT (SCAT) which will allow manufacturers to build an AT compatible motherboard using as few as 14 components plus memory. The SCAT is available at 8, 10, 12.5 and 16 MHz and can drive up to four expansion slots. The chip will be available in sample quantities this month. - InfoWorld 9 October

Apple, Microsoft Font Alliance.
Apple and Microsoft have announced a cross-license agreement which gives Microsoft Apple's outline font technology, code-named Royal, for use in the OS/2 Presentation Manager in return for Microsoft's PostScript-clone technology for use in future Apple printers. Rumors of the agreement precipitated a decline in Adobe stock from $23 to a 52-week low of $15 5/8. Adobe announced plans to buy back up to $15 million worth of common stock (about 4.8% of outstanding shares). - InfoWorld 25 September and MacWeek 19 and 26 September

Widening and Extending the Micro Channel.
IBM announced that later this year they will make public technical specifications on how board makers and MCA system manufacturers can quadruple the current 20 Mbyte per second transfer rate. Entry Systems vice president Robert Carberry emphasized that the specifications are not a change in the MCA architecture. IBM also announced plans to extend the Micro Channel beyond PS/2s to scientific workstations and select System/370 mainframes. - PC Week 2 October and InfoWorld 2 October

HP's EISA i486 Tower.
Hewlett-Packard has announced the Vectra 486 PC, a tower-style PC based on Micro Channel rival Extended Industry Standard Architecture (EISA), for shipment in January. The 25 MHz computer offers hard disks ranging in size from 84 Mbytes to 670 Mbytes with announced prices of less than $14,000 to around $17,000. - PC Week 16

Second Generation RISC Chip.
Although operating system problems have delayed the announcement of IBM's new RT-3 line (see the September and October columns), Big Blue has officially divulged details of their new, second generation RISC processor in three technical papers presented at last month's IEEE conference in Cambridge, Massachusetts. Among other attributes, the new chip is able to execute multiple instructions simultaneously, a capability critical to multiprocessing. - PC Week 16 October

RISC Workstation Running OS/2.
Microsoft and DEC are said to have the OS/2 kernel up and running on a workstation built around the Motorola 88000 RISC CPU. - PC Week 9 October

Intel i960 Doubles RISC Performance.
Intel has announced the 32-bit i960 RISC chip which is capable of 66 MIPS at it's 33 MHz clock speed (two instructions per cycle and nearly four times as fast as the 33 MHz i486). The i960 was developed for real-time and embedded systems applications and can increase the speed of page publishing printers by as much as six times. According to Intel the i960 will be available in the second quarter of 1990. - InfoWorld 18 September

Open Systems Foundation Switches to Mach.
The Open Systems Foundation has told its members that it may swap out the IBM AIX kernel from its operating system and replace it with Carnegie Mellon University's Mach. The reason for the move is the superior multiprocessing capability and security of Mach. Industry analysts doubt that OSF/1 can meet the announced July 1990 availability date after such a dramatic change in the operating system's contents. - InfoWorld 2 October

What NeXT?
Although more than 50 vendors have announced plans to introduce products for Steve Job's NeXT computer, only a handful will be available by the end of this year. Graphics and publishing professionals are eagerly awaiting a color display, but Steve Jobs has indicated that one won't be available until NeXT, er next, year. NeXT plans to by-pass eight-bit color and introduce a full 32-bit color display. In order to assure adequate performance, the company is developing a custom video chip and accelerator for manipulating 24-bit color images. - NeXTWeek 19 October

IIgs Laptop.
Although the LapMac finally has been announced, it may be several months before it is readily available. Rumor has it that Apple has a project code-named "Malibu" to use the matrix display and battery pack developed for the LapMac in a laptop IIgs. It would be nice if they'd sell the display all by itself for all those //c owners who have never had a monitor as portable as their computer. - Thanks to Lynda Botez for passing this along from the Cupertino NewsNet Splashy Product Rollout Scheduled for March. Apple has booked the hall for a major product announcement in March. Details of exactly what's planned remain sketchy, but the best guess at this point is that it will be the long rumored Mac-Tower and a new family of QuickDraw laser printers. - MacWeek 3 October

Better Laptop Battery.
Moltech Corporation is developing a new battery for laptop and notebook computers that will have five times greater storage capacity than current nickel-cadmium or lead-acid batteries. The new "thin-

[NewsNet 10/9/89 B.Bowker 118A-HF] **** Personally, I think it's fascinating that Apple would release such a machine. The more IIGS's sold, the better. The basic price of course doesn't include the cost of a hard drive; but the NuBus slot sounds interesting. I would assume there would be 1 meg of ram on the motherboard, just like the ROM 3 machine. I wonder how you'd warp it up to speed; a transwarp GS isn't NuBus compatible. Gee, maybe there will be a faster processor. Nah.... Well, October 20th isn't very far away... I guess we'll find out if this is true or not real soon. Sounds like "laptop fever" has hit the computer world really bad. Lynda UUCP: {ames!elroy, <routing site>}!gryphon!pnet02!lbotez INET: lbotez@pnet02.gryphon.com

CAC BEAGLE BUDDY PROGRAM

In case you didn't know, the CAC/NCSU AUG has an active Beagl Buddy program. If you use AppleWorks and have upgraded to version 3.0, you may have noticed that your Timeout enhancements don't work any more. There are two things you can do: You can send the original Timeout disks back to Beagle Bros. along with $10 (each), and they will copy the upgraded versions over your defunct files (eventually). Or, you can bring your original disks (or the original instruction manuals) as proof of ownership, along with the corresponding number of blank disks, and the CAC Beagle Buddy (Phil Albro) will copy the upgrades for you. If you are not a dues-paid member, this service will cost you $5/disk (if you supply the disk), but will at least save you half of the cost and all of the time. If you are a paid-up member, no charge. Either bring your proof-of-ownership and disks to one of the CAC meetings or, to save waiting for the next meeting, drop them off at 808 Griffis St, Cary.

Phil says, "I don't claim to be an AppleWorks guru, but I do use vsns 1.3, 2.0, and 3.0, and all of the Timeout add-ons. If you are having problems getting things to work, maybe I can help. If I can't, I can get through to Beagle Bros. pretty easily."

IS APPLE KILLING THE APPLE II?

by Phil Albro

This question is being asked by thousands of users of Apple II computers, privately, on network discussion forums, in bulletin board message bases, and in magazine articles. The key arguments for those who see the answer as a big YES include:

o Apple dealers never recommend that anyone buy an Apple II - always a Mac.

o Apple dealers usually have a staff of Mac - knowledgeable people, and at best one Apple II person, usually part-time.

o Apple doesn't aggressively advertise the Apple II line.

o Apple insists that Apple IIs are for education and games. They refuse to acknowledge its suitability for business, office, laboratory, or other settings.

o Since the Apple IIgs was released, there have been at least five new Macs.

o Claris, always claimed to be independent but clearly dominated by Apple's corporate philosophy, has produced a stream of new Mac software, and precisely no Apple II software.

o The original programming software for the IIgs, TML and ORCA, has rarely been upgraded. One improved version of Pascal and one of C in 2 1/2 years.

o After 2 1/2 years, the IIgs is still 2.8 MHz.

Most people who argue the above place the blame for the postulated lack of support for the Apple II line on Apple's corporate management and marketing department. It is claimed that Apple refuses to market the II aggressively in order to avoid competition with the Mac. Research and development are claimed to be limited to the Mac, but paid for by profits from the II.

One often hears about the good-old-days of the II+ and IIe, when Apple "really supported the II line." We hear about the really useful manuals that came with the II+, in contrast to the expensive and useless mush Apple calls a manual today. We hear about the great upgrade policies Apple USED TO have.

Let's look at some history. First there was the Apple II. 16K of memory, a 40-column screen, a cassette recorder connection for bulk storage. Good manuals - they'd have to be, since none of the potential customers knew anything whatsoever about personal computers and there was no market for them. A hobbyist market appears. First needed change - a demand for more memory and a frustration with cassette tape as a storage medium. Support? A new computer, the II+. 48K of memory (a lifetime supply!), and the ability to access disk drives (5 1/4", single sided, 144K max.) Support? One 16K memory expansion card, Applesoft in ROM, a parallel printer card too primitive to last, and a dumb serial card. The "Apple Personal Modem" that I'd rather not discuss. DOS 3.2, eventually upgraded to a buggy 3.3. One alternate language, USPD Pascal.

Potential support? Lowercase ROM, 80-column screen, double-sided disk drives, memory expansion, all sorts of things (some provided by third party manufacturers, most not provided at all.) Solution to the requests for "support" in the sense of increased capabilities? The Apple IIe. 128K of memory, of which 64K could be used fairly conveniently. Statements in the "Owners Guide" to the effect that you should leave the other 64K alone - let the professionals sell you software that can access it. DOS 3.3 gets its one and only upgrade (mainly bug fixes). ProDOS 1.0.1 released, marking the absolute end of Apple's support for DOS 3.3. The Super Serial Card becomes the industry standard, even though it violates all of Apple's own guidelines for serial device ports. Upgrades to the IIe? One upgrade, to the "Enhanced" IIe, involving a less power-hungry version of the 6502 IC, and new ROMs containing several bug-fixes, costing anywhere from $35 to $50. One early marketing decision - to include the "extended 80-column card" with new IIe shipments. I don't consider changing the color of the case (to grey, called "platinum") to be an upgrade. ProDOS 1.1.1 released, because of major limitations in 1.0.1 (especially the lack of clock support).

Exploration - the IIc, an attempt to make a less expensive, semi-portable version of the IIe. Several ROM upgrades because of bugs. The Unidisk 3.5" drive. One real upgrade - the IIc+, faster. One strangeness - the manuals with the IIc are better than those provided with the IIe; IIe owners are often referred to the IIc manuals to find out how the IIe works!

company. ### Claris is a trademark of Claris Corporation. Apple, Apple IIGS, Macintosh and ImageWriter are registered trademarks of A

Fri Oct 27, 1989 CLARIS [Bill M.] at 23:49 EDTA2

It's hard for me to express how pleased I am to announce here the new version of AppleWorks GS, version 1.1. The official unveiling came at the 10th Annual CUE Conference, held this weekend in Santa Clara, CA. I've said before how difficult the task of updating AWGS would be. It was indeed difficult. I mentioned that any new version we released would have to meet certain performance and reliability standards. This version does indeed meet those standards. Here are some of the highlights of AppleWorks GS1.1:

-=+ Speed

On floppy-based systems, AppleWorks GS now takes less than 60 seconds to launch. Loading modules takes less than 8 seconds. Operations in all the modules are approximately eight to ten times faster than in older versions.

-=+ Compatibility with GS/OS 5.0

AWGS 1.1 takes advantage of all the file handling improvements offered by the new operating system, including AppleShare support. The new version lets you print international and extended characters available under GS/OS 5.0. It fully supports the new, graphical control panel desk accessory, and scrollable menus (such as when you have several fonts and desk accessories installed).

-=+ Compatibility with Apple's newest Apple IIgs

AppleWorks GS runs well with the new "ROM 3" Apple IIgs, which has 128K less memory than "standard" GS units made earlier.

-=+ Enhanced Printing

The new version of AppleWorks GS prints faster than older versions. Additionally, the "draft" printing option has been enhanced. In older versions, you were limited to the fastest (and poorest) quality of print available on the ImageWriter II. Now you can select whether you want to use the built-in, high-quality printer fonts of the ImageWriter when you print at draft speed.

-=+ AppleWorks 3.0 Compatibility

AppleWorks GS now lets you read files produced by any version of AppleWorks, including AppleWorks 3.0.

-=+ Diagnostic and Utility Routines

Option-"About..." in the Apple menu lets users view general system information, such as the the amount of free memory available, SystemVersion,ROM version, and other values. The user also has the option tomanually "unfragment" memory when in the program.

-=+ More efficient Memory Management

AppleWorks GS 1.1 takes a totally fresh approach to managing the way information in stored in RAM. The new technique makes operations faster, and more reliable. Users should be able to work with larger data base and spreadsheet files than possible with the older versions of the program.

-=+ Enhanced Spell Checking

Command-key equivalents have been added for spell checker functions, such as Suggest, Ignore, and Add to Dictionary. A "Cancel" feature has been added to interrupt the process while checking. The spell checker also supports larger custom dictionary files.

-=+ Overall improvements in robustness

Many problems reported by users with various modules have been addressed in this version of the program. In a demonstration held before the entire company, the AppleWorks GS developers launched AppleWorks GS on two machines simultaneously. The first GS ran version 1.0v2; the second ran AppleWorks GS 1.1. The programmers used 1.1 to open a 100-record data base file, copy selected data base information to the clipboard, create a new spreadsheet document and paste the data into the new spreadsheet. The developers then plotted a graph of the data, modified the chart in the graphics module -- adding labels and other adornments --and resized the chart. Then the programmers opened a page layout template and placed the chart into the middle of the page. (AppleWorks GS 1.0v2 was still launching while this work was being done.) Once the chart was placed, the programmers opened a word processor file, copied the text, and pasted it into the columns of the page layout template. Finally, all files were saved and the programmers quit AppleWorks GS. Some 20 seconds after the GS Finder reappeared on the second machine, AWGS 1.0v2's open-file dialog appeared on the first IIgs. This is a significant upgrade to the product. It, together with GS/OS 5.0, represents the fulfillment of the potential inversion 1.0 of the program. The upgrade package will include a 60-page supplementary manual and four diskettes containing the new version of the program and GS/OS 5.0. You'll find complete instructions for installing and using the new version of the program (floppy disk users will only need to copy the new disks and begin working). The upgrade is priced at $29. Subsequent posts in this category augment the information in this file. The files include the official Claris press release on AWGS 1.1, and more detailed pricing information.

-Bill Marriott Claris Technical Support

CLARIS [Bill M.] at 23:52 EDT

Fri Oct 27, 1989CLARIS [Bill M.] at 23:53 EDT

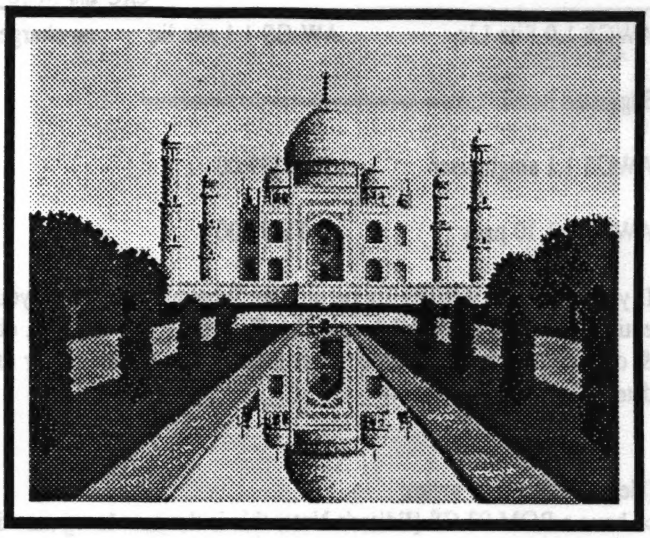
AppleWorks GS 1.1 is expected to be available in mid-November. Here's the run-down on pricing and how to upgrade: The AWGS 1.1 upgrade packet consists of four diskettes and an upgrade manual. The diskettes hold the new version of the program, and version 5.02 of the GS/OS operating system. The manual describes new features in AppleWorks, installation procedures for the new operating system, and features of the new operating system, including the control panel. The Claris Upgrade Distribution Center, 800-544-8554, will be able to take phone orders and upgrade packet requests beginning Monday, October 30. All registered AWGS 1.0x customers will receive notification (by mail) of the upgrade. The notification will include the forms you need to get the upgrade. Because of the cost of the diskettes and manual, and because AppleWorks GS 1.1 contains several new features, there is a small fee for the new version:

Upgrade prices ==========

Upgrade from:	Upgrade to	Price
AWGS 1.0 v1 or 2	AppleWorks GS 1.1	$29.00
AppleWorks 2.x or 3.0	AppleWorks GS 1.1	$99.00
MultiScribe GS	AppleWorks GS 1.1	$139.00

**offer expires 12/31/89

AWGS 1.0 10 Pack	AWGS 1.1 10 pk	$119.00



Apple IIGS paint format graphics imported into BeagleDraw (Formerly TopDraw), reduced, then printed on a LaserWriter II NTX.

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